

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY

Docket No.

UC2000-356-2

Serial No.  
09/945,101Filing Date  
AUGUST 31, 2001

Examiner

Group Art Unit

Invention: **METHOD FOR APPROXIMATING MINIMUM DELAY ROUTING**

I hereby certify that the following correspondence:

**Information Disclosure Citation (PTO-1449) (Page 1 thru 3)***(Identify type of correspondence)*

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*EXAMINER INITIALS	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Wrightson, R., J.J. Garcia-Luna-Aceves, and Boyle, J.; "EIGRP--A FAST ROUTING PROTOCOL BASED ON DISTANCE VECTORS," pp. 1 thru 13, Proceedings Networld/Interop 94, May, 1994.		
	Bersekas, D. and Gallager, R.; "SECOND DERIVATIVE ALGORITHMS FOR MINIMUM DELAY DISTRIBUTED ROUTING IN NETWORKS," IEEE Transactions on Communications, Vol. Com-32, No. 8, pp. 911-919, August, 1984.		
	Bersekas, D.; "DYNAMIC BEHAVIOR OF SHORTEST-PATH ALGORITHMS FOR COMMUNICATIONS NETWORKS," IEEE Transactions on Automatic Control, Vol. AC-27, No. 1, pp. 60-74, February, 1982.		
	Cain, J.B. et al.; "A NEAR-OPTIMUM MULTIPLE PATH ROUTING ALGORITHM FOR SPACE-BASED SDI NETWORKS," MILCOMM, pp. 29.3.1 thru 29.3.7, (1987).		
	Cantor, D.G. and Gerla, M.; "OPTIMAL ROUTING IN A PACKET-SWITCHED COMPUTER NETWORK," IEEE Transactions on Computers, Vol. C-23, No. 10, pp. 1062-1069, October, 1974.		
	Cassandras, C.G. et al.; "DISTRIBUTED ROUTING WITH ON-LINE MARGINAL DELAY ESTIMATION," IEEE Transactions on Communications, Vol. 38, No. 1, pp. 348-359, March, 1990.		
	Dijkstra, Edsger W. et al.; "TERMINATION DETECTION FOR DIFFUSING COMPUTATIONS," Information Processing Letters, Vol. 11, No. 1, pp. 1-4, August, 1980.		
	Gallager, R.G., "A MINIMUM DELAY ROUTING ALGORITHM USING DISTRIBUTED COMPUTATIONS," IEEE Transactions on Communications, Vol. Com-25, No. 1, pp. 73-84, January, 1977.		
	J.J. Garcia-Luna-Aceves; "LOOP-FREE ROUTING USING DIFFUSING COMPUTATIONS," IEEE/ACM Transactions on Networking, Vol. 1, No. 1, pp. 130-141, February, 1993.		
	J.J. Garcia-Luna-Aceves et al.; "DISTRIBUTED, SCALABLE ROUTING BASED ON VECTORS OF LINK STATES," IEEE Journal on Selected Areas in Communications, pp. 1 thru 13, October, 1995.		
	J.J. Garcia-Luna-Aceves et al.; "A PATH-FINDING ALGORITHM FOR LOOP-FREE ROUTING," IEEE/ACM Transactions on Networking, pp. 1 thru 22, February, 1997.		
	J.J. Garcia-Luna-Aceves et al.; "SCALABLE LINK-STATE INTERNET ROUTING," Proceedings International Conference on Network Protocols, pp. 1 thru 11, October, 1998.		
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Glazer, David W. and Tropper, Carl; "A NEW METRIC FOR DYNAMIC ROUTING ALGORITHMS," IEEE Transactions on Communications, Vol. 38, No. 3, pp. 360-367, March, 1990.

Hedrick, C.; "ROUTING INFORMATION PROTOCOL," Network Working Group, Request for Comments #1058, Rutgers University, pp. 1 thru 31, June, 1988.

Jaffe, J.M. and Moss, F.H.; "A RESPONSIVE DISTRIBUTED ROUTING ALGORITHM FOR COMPUTER NETWORKS," IEEE Transactions on Communications, Vol. Com-30, No. 7, pp. 1758 thru 1762, July, 1982.

Kienrock, L.; "COMMUNICATION NETS: STOCHASTIC MESSAGE FLOW AND DELAY," McGraw-Hill, New York, NY, pp. 1 & 2, (1964).

Kourkouzelis, D.; "MULTIPAH ROUTING USING DIFFUSING COMPUTATIONS, Masters of Science Thesis, University of California, Santa Cruz, Cover page, Index page, pp. 9-10, March, 1997.

McQuillan, J.M. et al.; "THE NEW ROUTING ALGORITHM FOR THE ARPANET," IEEE Transactions on Communications, Vol. Com-28, No. 5, pp. 711-719, May, 1980.

Merlin, P.M. and Segall, A.; "A FAILSAFE DISTRIBUTED ROUTING PROTOCOL," IEEE Transactions on Communications, Vol. Com-27, No. 9, pp. 1280-1287, September, 1979.

Moy, J.; "OSPF VERSION 3," Network Working Group, Request for Comments #2178, Cascade Communications Corporation, pp. 1 thru 5 and page 210, July, 1997.

Paxson, V., Danzig, P., Mogul, J., and Schwartz, M.; "WEB PAGE," ita.ee.lbl.gov/html/traces.html, LAWRENCE BERKELEY NATIONAL LABORATORY, July, 1997.

Reiman, M.I. and Weiss, A., "SENSITIVITY ANALYSIS FOR SIMULATIONS VIA LIKELIHOOD RATIOS," Operations Research, Vol. 37, No. 5, pp. 830-844, September-October, 1989.

Segall, A.; "THE MODELING OF ADAPTIVE ROUTING IN DATA COMMUNICATION NETWORKS," IEEE Transactions on Communication, Vol. Com-25, No. 1, pp. 85-95, January, 1977.

Segall, Adrian and Sidi, Moshe; "A FAILSAFE DISTRIBUTED PROTOCOL FOR MINIMUM DELAY ROUTING," IEEE Transactions on Communications, Vol. Com-29, No. 5, pp. 689-695, May, 1981.

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Spiliotti, J. and Gallager, R.; "EVENT DRIVEN TOPOLOGY BROADCAST WITHOUT SEQUENCE NUMBERS," IEEE Transactions on Communications, Vol. 37, No. 5, pp. 468-474, May, 1989.

Wang, Zheng and Crowcroft, Jon; "SHORTEST PATH FIRST WITH EMERGENCY EXITS," Proceedings of ACM SIGCOMM, pp. 166-176, (1990).

Zaumen, W.T. and J.J. Garcia-Luna-Aceves; "LOOP-FREE MULTIPATH ROUTING USING GENERALIZED DIFFUSING COMPUTATIONS," Proceedings of IEEE INFOCOM, pp. 1 thru 10, March, 1998.

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